



NUMBER: 21-040-14

GROUP: Transmission and Transfer Case

DATE: November 26, 2014

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HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING “HELP” THEN “HELP CONTENTS” AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

THE wiTECH SOFTWARE LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: 8HP70 Transmission Shift Enhancements

OVERVIEW:

This bulletin involves reprogramming of the Transmission Control Module (TCM) with the latest available software.

MODELS:

2015 (WK) Jeep Grand Cherokee

NOTE: This bulletin applies to vehicles equipped with a 3.0L diesel engine (sales code EXF) and equipped with an 8HP70 automatic transmission (sales code DFD or DFK), built on or before October 21, 2014 (MDH 1021XX).

SYMPTOM/CONDITION:

A small number of customers may experience one of more of the following conditions.

- Intermittent delayed upshifts in 1st or 2nd gear.
- Less than desired shift quality when operating the vehicle in Four Wheel Drive (4wd) Low mode.
- With the vehicle stationary and the Selec-Terrain system set to Snow Mode, the transmission will perform a 2-1 downshift when pressing the (+) steering wheel mounted shift paddle instead of remaining in 2nd gear.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle systems are functioning as designed. If DTCs or other conditions are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If any of the above conditions are present, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Using the wiTECH, reprogram the TCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected
2. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.

NOTE: DO NOT CLEAR THE SHIFT ADAPTIVES IN THE TCM'S MEMORY. THIS ACTION MAY CAUSE THE TRANSMISSION TO NOT SHIFT SMOOTHLY UNTIL THE ADAPTIVES ARE RE-LEARNED.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-05-Y9	Module, Transmission Control (TCM) - Reflash (0 - Introduction)	2- Automatic Transmission	0.2 Hrs.

NOTE: The expected completion time for the flash download is approximately 2 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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